

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all claims, and listings of claims, in the application:

1. (Original) A protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or a salt thereof.

2. (Original) A protein consisting of the amino acid sequence represented by SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or a salt thereof.

3. (Original) A partial peptide of the protein according to claim 1, or a salt thereof.

4. (Original) A polynucleotide comprising a polynucleotide encoding the protein according to claim 1, or a partial peptide thereof.

5. (Original) The polynucleotide according to claim 4, which is a DNA.

6. (Original) The polynucleotide according to claim 5, which contains a base sequence represented by SEQ ID NO: 5, SEQ ID NO: 8, SEQ ID NO: 16, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 26 or SEQ ID NO: 28.

7. (Original) A polynucleotide consisting of a base sequence represented by SEQ ID NO: 16, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 26 or SEQ ID NO: 28.

8. (Original) A recombinant vector comprising the polynucleotide according to claim 4.

9. (Original) A transformant transformed by the recombinant vector according to claim 8.

10. (Original) A method of manufacturing the protein according to claim 1, its partial peptide, or a salt thereof, which comprises culturing the transformant according to claim 9, and producing/accumulating the protein according to claim 1 or its partial peptide.

11. (Original) A pharmaceutical comprising the protein according to claim 1, its partial peptide, or a salt thereof.

12. (Original) A pharmaceutical comprising the polynucleotide according to claim 4.

13. (Original) A diagnostic agent comprising the polynucleotide according to claim 4.

14. (Original) An antibody to the protein according to claim 1, the partial peptide, or a salt thereof.

15. – 16. (Canceled)

17. (Original) An antisense polynucleotide comprising the entire or part of a base sequence complementary or substantially complementary to a base sequence of the polynucleotide according to claim 4.

18. (Original) A pharmaceutical comprising the antisense polynucleotide according to claim 17.

19. - 20. (Canceled)

21. (Original) A method of screening a compound or its salt inhibiting the activity of the protein according to claim 1, which comprises using the protein according to claim 1, the partial peptide, or a salt thereof.

22. – 23. (Canceled)

24. (Original) A method of screening a compound or its salt inhibiting the expression of a gene for the protein according to claim 1, which comprises using the polynucleotide according to claim 4.

25. (Original) A kit for screening a compound or its salt inhibiting the expression of a gene for the protein according to claim 1, comprising the polynucleotide according to claim 4.

26. - 27. (Canceled)

28. (Original) An antisense polynucleotide comprising the entire or part of a base sequence complementary or substantially complementary to a base sequence of a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 10, or a partial peptide thereof.

29. (Original) A pharmaceutical comprising the antisense polynucleotide according to claim 28.

30. (Canceled)

31. (Original) An antibody to a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 10, its partial peptide, or a salt thereof.

32. (Original) A pharmaceutical comprising the antibody according to claim 31.

33. - 36. (Canceled)

37. (Original) A prophylactic/therapeutic agent for a cancer, comprising a compound or its salt inhibiting the activity of a protein comprising the same or substantially the same amino

acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or its partial peptide, or a salt thereof.

38. (Original) A prophylactic/therapeutic agent for a cancer, comprising a compound or its salt inhibiting the expression of a gene for a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or its partial peptide, or a salt thereof.

39. (Original) A method of screening a prophylactic/therapeutic agent for a cancer, which comprises using a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or its partial peptide, or a salt thereof.

40. (Original) A kit for screening a prophylactic/therapeutic agent for a cancer, comprising a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or its partial peptide, or a salt thereof.

41. (Canceled)

42. (Original) A method of screening a prophylactic/therapeutic agent for a cancer, which comprises using a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or a partial peptide thereof.

43. (Original) A kit for screening a prophylactic/therapeutic agent for a cancer, comprising a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or a partial peptide thereof.

44. – 45. (Canceled)

46. (Original) A method of screening an apoptosis promoter, which comprises using a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or its partial peptide, or a salt thereof.

47. (Original) A method of screening an apoptosis promoter, which comprises using a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 25 or SEQ ID NO: 27, or a partial peptide thereof.

48. – 50. (Canceled)